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P O Box 1450 Alexandria, Virgima 22313-1450 www.uspto.gov

#### NOTICE OF ALLOWANCE AND FEE(S) DUE

20350 7590 04/16/2008 TOWNSEND AND TOWNSEND AND CREW, LLP

TWO EMBARCADERO CENTER EIGHTH FLOOR SAN FRANCISCO, CA 94111-3834

EXAMINER					
MCCARTHY, CHRISTOPHER S					
ART UNIT	PAPER NUMBER				
2113 DATE MAILED: 04/16/20	18				

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/666,084	09/19/2003	Janardhanan Radhakrishnan	010327-008110US	8982		
TITLE OF INVENTION: PARTITIONING AND CATEGORIZING DATA IN A SPLIT-PLANE ARCHITECTURE FOR FAST RECOVERY FROM						

DATA PLANE FAILURES AND FAST RESTARTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$0	\$0	\$1440	07/16/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED.</u> THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

# Complete and send this form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

appropriate. All further indicated unless correcte maintenance fee notificat	correspondence includir ed below or directed oth	or transmitting the IS ig the Patent, advance herwise in Block 1, by	orders and notification of (a) specifying a new co	of ma	ondence address;	ed). B II be i ind/or	mailed to the current (b) indicating a sepa	corresp rate "F	e completed where ondence address as EE ADDRESS" for
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SAN FRANCISO	CO, CA 94111-383	4	[						(Depositor's name)
									(Signature)
			l						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	OR		ATTO	RNEY DOCKET NO.	CON	FIRMATION NO.
10/666,084	09/19/2003		Janardhanan Radhakrisl	nan		010	0327-008110US		8982
TITLE OF INVENTION DATA PLANE FAILUR			DATA IN A SPLIT-PL.	ANE	ARCHITECTUR	E FO	R FAST RECOVER	Y FRO	М
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	ŒΙ	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE		DATE DUE
nonprovisional	NO	\$1440	\$0		\$0		\$1440		07/16/2008
EXAM	INER	ART UNIT	CLASS-SUBCLASS						
MCCARTHY, CI	HRISTOPHER S	2113	714-004000	_					
"Fee Address" indi PTO/SB/47; Rev 03-0 Number is required.	ondence address (or Cha 3/122) attached. ication (or "Fee Address' 2 or more recent) attach	nge of Correspondence  "Indication form ed. Use of a Customer	or agents OR, altern (2) the name of a si registered attorney 2 registered patent a listed, no name will	to 3 native ngle or ag uttorn be pr	Registered patent ely, firm (having as a rent) and the name eys or agents. If no rinted,	nemb	era 2		
(A) NAME OF ASSIC	ess an assignee is ident h in 37 CFR 3.11. Comp GNEE	ified below, no assign sletion of this form is N	N THE PATENT (print or ee data will appear on th IOT a substitute for filing (B) RESIDENCE: (CI printed on the patent):	e pate an as	ent. If an assigner ssignment. and STATE OR CO	OUNT	RY)		_
4a. The following fee(s) a  ☐ Issue Fee ☐ Publication Fee (N ☐ Advance Order - #	o small entity discount p	permitted)	4b. Payment of Fee(s): (I  A check is enclose Payment by credit The Director is her overpayment, to D	d. card.	Form PTO-2038	is atta	ched.		
	s SMALL ENTITY state	is. See 37 CFR 1.27.	☐ b. Applicant is no						
NOTE: The Issue Fee and interest as shown by the r	d Publication Fee (if requeeords of the United Sta	uired) will not be accep tes Patent and Tradema	oted from anyone other tha ark Office.	ın the	e applicant; a regist	ered a	ittorney or agent; or th	e assigr	nee or other party in
Authorized Signature					Date				
Typed or printed name					Registration No				
This collection of informan application. Confident submitting the completed this form and/or suggestit Box 1450, Alexandria, V Alexandria, Virginia 223	ation is required by 37 C tiality is governed by 35 I application form to the ons for reducing this but irginia 22313-1450. DC 13-1450.	EFR 1.311. The information U.S.C. 122 and 37 CF USPTO. Time will varden, should be sent to D NOT SEND FEES OF	ntion is required to obtain R 1.14. This collection is any depending upon the in the Chief Information Of R COMPLETED FORMS	or ret estin divid ficer, TO	tain a benefit by the mated to take 12 m dual case. Any con , U.S. Patent and T THIS ADDRESS.	e publ inutes iment radem SENI	ic which is to file (and to complete, includir s on the amount of tin ark Office, U.S. Dep O TO: Commissioner	by the g gathene you artment for Pate	USPTO to process) ring, preparing, and require to complete of Commerce, P.O. nts, P.O. Box 1450,

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PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.



## UNITED STATES PATENT AND TRADEMARK OFFICE

### NITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Offic Address: COMMISSIONER FOR PATENTS

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TOWNSEND A	AND TOWNSEND A	MCCARTHY, CHRISTOPHER S					
	ADERO CENTER	ART UNIT	PAPER NUMBER				
EIGHTH FLOOF SAN FRANCISC	CO, CA 94111-3834	2113					

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 638 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 638 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

## Application No. Applicant(s) 10/666 084 RADHAKRISHNAN ET AL. Notice of Allowability Examiner Art Unit CHRISTOPHER'S MCCARTHY 2113 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. This communication is responsive to 3/19/08. The allowed claim(s) is/are 1-4,6-22,25 and 29-34. 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). b) \( \subseteq \text{Some\* c) \subseteq \text{None of the:} a) $\square$ All 1. T Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). \* Certified copies not received: \_\_\_\_\_. Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Attachment(s) 1. | Notice of References Cited (PTO-892) 5. Notice of Informal Patent Application 2. Notice of Draftperson's Patent Drawing Review (PTO-948) Interview Summary (PTO-413), Paper No./Mail Date 3/19/08. Information Disclosure Statements (PTO/SB/08). 7. X Examiner's Amendment/Comment

Paper No./Mail Date

of Biological Material

4. T Examiner's Comment Regarding Requirement for Deposit

Other .

8. T Examiner's Statement of Reasons for Allowance